

**METHOD FOR ADJUSTING DRIVE ROLLER LINEFEED DISTANCE****ABSTRACT OF THE DISCLOSURE**

5 A difference in feed roller diameter from one printer to another causes a  
media to advance by a different amount for a given rotation of a drive shaft to which the  
feed roller is coupled. Such variation in advance distance is a linefeed error. Mean  
linefeed error is determined and corrected by printing a test plot having several areas.  
Each area is formed of the same image pattern, but is printed at a different linefeed error  
adjustment to compensate for mean linefeed error. The different adjustments are  
10 prescribed and span a typical compensation range for a given print engine model. The  
different adjustment factors cause banding to occur in some areas. The user picks one  
of the test pattern areas which has the highest print quality (i.e., least or no banding).  
The linefeed adjustment factor corresponding to such area is used for normal printing.

15